



B/7

SEQUENCE LISTING

<110> Yamaguchi, Kyoji  
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Nakagawa, Nobuaki  
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Kinosaki, Masahiko  
Tsuda, Eisuke  
Goto, Masaaki  
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Tomoyasu, Akihiro  
Kobayashi, Fumie  
Washida, Naohiro  
Takahashi, Ken  
Morinaga, Tomonori  
Higashio, Kanji

<120> Novel Protein and Method for Producing the Protein

<130> FJN-070

<140> US 09/202,455

<141> 1998-12-15

<150> JP 97808/1997

<151> 1997-04-15

<150> JP 151434/1997

<151> 1997-06-09

<150> JP 217897/1997

<151> 1997-08-12

<150> JP 224803/1997

<151> 1997-08-21

<150> JP 332241/1997

<151> 1997-12-02

<150> WO PCT/JP98/01728

<151> 1998-04-15

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<170> PatentIn Ver. 2.0

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 Asp Ser Cys Arg Arg Met Lys Gln Ala Phe Gln Gly Ala Val Gln Lys  
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 Met Met Glu Gly Ser Trp Leu Asp Val Ala Gln Arg Gly Lys Pro Glu  
 145 150 155 160  
 Ala Gln Pro Phe Ala His Leu Thr Ile Asn Ala Ala Ser Ile Pro Ser  
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 Gly Ser His Lys Val Thr Leu Ser Ser Trp Tyr His Asp Arg Gly Trp  
 180 185 190  
 Ala Lys Ile Ser Asn Met Thr Leu Ser Asn Gly Lys Leu Arg Val Asn  
 195 200 205  
 Gln Asp Gly Phe Tyr Tyr Leu Tyr Ala Asn Ile Cys Phe Arg His His  
 210 215 220  
 Glu Thr Ser Gly Ser Val Pro Thr Asp Tyr Leu Gln Leu Met Val Tyr  
 225 230 235 240  
 Val Val Lys Thr Ser Ile Lys Ile Pro Ser Ser His Asn Leu Met Lys  
 245 250 255  
 Gly Gly Ser Thr Lys Asn Trp Ser Gly Asn Ser Glu Phe His Phe Tyr  
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 Ser Ile Asn Val Gly Gly Phe Phe Lys Leu Arg Ala Gly Glu Glu Ile  
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<212> PRT

<213> Homo sapiens

<400> 11

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Pro Pro Pro Pro Ala Pro His Gln Pro Pro Ala Ala Ser Arg Ser Met  
35 40 45

Phe Val Ala Leu Leu Gly Leu Gly Leu Gly Gln Val Val Cys Ser Val  
50 55 60

Ala Leu Phe Phe Tyr Phe Arg Ala Gln Met Asp Pro Asn Arg Ile Ser  
65 70 75 80

Glu Asp Gly Thr His Cys Ile Tyr Arg Ile Leu Arg Leu His Glu Asn  
85 90 95

Ala Asp Phe Gln Asp Thr Thr Leu Glu Ser Gln Asp Thr Lys Leu Ile  
100 105 110

Pro Asp Ser Cys Arg Arg Ile Lys Gln Ala Phe Gln Gly Ala Val Gln  
115 120 125

Lys Glu Leu Gln His Ile Val Gly Ser Gln His Ile Arg Ala Glu Lys  
130 135 140

Ala Met Val Asp Gly Ser Trp Leu Asp Leu Ala Lys Arg Ser Lys Leu  
145 150 155 160

Glu Ala Gln Pro Phe Ala His Leu Thr Ile Asn Ala Thr Asp Ile Pro  
165 170 175

Ser Gly Ser His Lys Val Ser Leu Ser Ser Trp Tyr His Asp Arg Gly  
180 185 190

Trp Ala Lys Ile Ser Asn Met Thr Phe Ser Asn Gly Lys Leu Ile Val  
195 200 205

Asn Gln Asp Gly Phe Tyr Tyr Leu Tyr Ala Asn Ile Cys Phe Arg His  
210 215 220

His Glu Thr Ser Gly Asp Leu Ala Thr Glu Tyr Leu Gln Leu Met Val  
225 230 235 240

Tyr Val Thr Lys Thr Ser Ile Lys Ile Pro Ser Ser His Thr Leu Met  
245 250 255

Lys Gly Gly Ser Thr Lys Tyr Trp Ser Gly Asn Ser Glu Phe His Phe  
260 265 270

Tyr Ser Ile Asn Val Gly Gly Phe Phe Lys Leu Arg Ser Gly Glu Glu  
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<212> DNA  
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34

<210> 15  
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Leu Glu Ser Glu Asp Thr Leu Pro Asp Ser Cys Arg Arg Met Lys Gln  
35 40 45  
Ala Phe Gln Gly Ala Val Gln Lys Glu Leu Gln His Ile Val Gly Pro  
50 55 60  
Gln Arg Phe Ser Gly Ala Pro Ala Met Met Glu Gly Ser Trp Leu Asp  
65 70 75 80  
Val Ala Gln Arg Gly Lys Pro Glu Ala Gln Pro Phe Ala His Leu Thr  
85 90 95  
Ile Asn Ala Ala Ser Ile Pro Ser Gly Ser His Lys Val Thr Leu Ser  
100 105 110  
Ser Trp Tyr His Asp Arg Gly Trp Ala Lys Ile Ser Asn Met Thr Leu  
115 120 125

Ser Asn Gly Lys Leu Arg Val Asn Gln Asp Gly Phe Tyr Tyr Leu Tyr  
 130 135 140  
 Ala Asn Ile Cys Phe Arg His His Glu Thr Ser Gly Ser Val Pro Thr  
 145 150 155 160  
 Asp Tyr Leu Gln Leu Met Val Tyr Val Val Lys Thr Ser Ile Lys Ile  
 165 170 175  
 Pro Ser Ser His Asn Leu Met Lys Gly Gly Ser Thr Lys Asn Trp Ser  
 180 185 190  
 Gly Asn Ser Glu Phe His Phe Tyr Ser Ile Asn Val Gly Gly Phe Phe  
 195 200 205  
 Lys Leu Arg Ala Gly Glu Glu Ile Ser Ile Gln Val Ser Asn Pro Ser  
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 Leu Leu Asp Pro Asp Gln Asp Ala Thr Tyr Phe Gly Ala Phe Lys Val  
 225 230 235 240

Gln Asp Ile Asp

<210> 17  
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 <212> PRT  
 <213> Homo sapiens

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 Leu Glu Ser Gln Asp Thr Lys Leu Ile Pro Asp Ser Cys Arg Arg Ile  
 35 40 45  
 Lys Gln Ala Phe Gln Gly Ala Val Gln Lys Glu Leu Gln His Ile Val  
 50 55 60  
 Gly Ser Gln His Ile Arg Ala Glu Lys Ala Met Val Asp Gly Ser Trp  
 65 70 75 80  
 Leu Asp Leu Ala Lys Arg Ser Lys Leu Glu Ala Gln Pro Phe Ala His  
 85 90 95  
 Leu Thr Ile Asn Ala Thr Asp Ile Pro Ser Gly Ser His Lys Val Ser  
 100 105 110  
 Leu Ser Ser Trp Tyr His Asp Arg Gly Trp Ala Lys Ile Ser Asn Met  
 115 120 125  
 Thr Phe Ser Asn Gly Lys Leu Ile Val Asn Gln Asp Gly Phe Tyr Tyr  
 130 135 140



Leu Tyr Ala Asn Ile Cys Phe Arg His His Glu Thr Ser Gly Asp Leu  
145 150 155 160

Ala Thr Glu Tyr Leu Gln Leu Met Val Tyr Val Thr Lys Thr Ser Ile  
165 170 175

Lys Ile Pro Ser Ser His Thr Leu Met Lys Gly Gly Ser Thr Lys Tyr  
180 185 190

Trp Ser Gly Asn Ser Glu Phe His Phe Tyr Ser Ile Asn Val Gly Gly  
195 200 205

Phe Phe Lys Leu Arg Ser Gly Glu Glu Ile Ser Ile Glu Val Ser Asn  
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Lys Val Arg Asp Ile Asp  
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<212> DNA

<213> Mus musculus

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<212> DNA

<213> Homo sapiens

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